

12/31/01

AGILENT TECHNOLOGIES, INC.  
Legal Department, DL429  
Intellectual Property Administration  
P. O. Box 7599  
Boulder, Colorado 80537-0599

PATENT APPLICATION

ATTORNEY DOCKET NO. 10010482

IN THE U.S. PATENT AND TRADEMARK OFFICE  
Patent Application Transmittal Letter

COMMISSIONER FOR PATENTS  
Washington, D.C. 20231

Sir:

Transmitted herewith for filing under 37 CFR 1.53(b) is a(n): (X) Utility ( ) Design

(X) original patent application,  
( ) continuation-in-part application

10/040167  
12/31/01

INVENTOR(S): Frank H. Peters; Michael H. Leary; Yoon-Kyu Song; Frederick A. Kish

TITLE: OPTOELECTRONIC DEVICE USING A DISABLED TUNNEL JUNCTION FOR CURRENT CONFINEMENT

#2  
3/1/02  
R. Talbot

Enclosed are:

- (X) The Declaration and Power of Attorney. (X) signed ( ) unsigned or partially signed  
(X) 2 sheets of drawings (one set) ( ) Associate Power of Attorney  
(X) Form PTO-1449 ( ) Information Disclosure Statement and Form PTO-1449  
( ) Priority document(s) ( ) Other (fee \$ )

| CLAIMS AS FILED BY OTHER THAN A SMALL ENTITY         |                     |                     |             |               |
|--|---------------------|---------------------|-------------|---------------|
| (1)<br>FOR   | (2)<br>NUMBER FILED | (3)<br>NUMBER EXTRA | (4)<br>RATE | (5)<br>TOTALS |
| TOTAL CLAIMS   | 19 — 20             | 0                   | X \$18      | \$ 0          |
| INDEPENDENT CLAIMS                                   | 2 — 3               | 0                   | X \$84      | \$ 0          |
| ANY MULTIPLE DEPENDENT CLAIMS                        | 0                   |                     | \$280       | \$ 0          |
| BASIC FEE: Design ( \$330.00 ); Utility ( \$740.00 ) |                     |                     |             | \$ 740        |
| TOTAL FILING FEE                                     |                     |                     |             | \$ 740        |
| OTHER FEES   |                     |                     |             | \$            |
| TOTAL CHARGES TO DEPOSIT ACCOUNT                     |                     |                     |             | \$ 740        |

Charge \$ 740 to Deposit Account 50-1078. At any time during the pendency of this application, please charge any fees required or credit any over payment to Deposit Account 50-1078 pursuant to 37 CFR 1.25. Additionally please charge any fees to Deposit Account 50-1078 under 37 CFR 1.16, 1.17, 1.19, 1.20 and 1.21. A duplicate copy of this sheet is enclosed.

\* Express Mail label no. ET 665 342 456 US

Date of Deposit 12/31/2001

I hereby certify that this is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to: Commissioner for Patents, Washington, D.C. 20231

By David T. Millers

Typed Name: David T. Millers

| FEE VALUE ACCOUNTABILITY |                 |
|--------------------------|-----------------|
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Respectfully submitted,

Frank H. Peters; Michael H. Leary;

By David T. Millers

David T. Millers

Attorney/Agent for Applicant(s)

Reg. No. 37,396

Date: 12/31/2001

Telephone No.: (408) 927-6700